

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(candidate near2 delay) same (tree) same (surviv\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 11:41
S2	2	"5974080".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 11:41
S6	3	2003/0013457	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 11:43
S7	2	"20030013457".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 14:39
S8	19	(RAKE) and ((energy near4 estimat\$4) same ((delay path)near3 (identif\$6 search\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 15:34
S9	7	(RAKE) and (delay near3 tree)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 16:04
S10	490	(receiver same (cdma diversity rake)) and (delay with (tree root node))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 16:05
S11	30	(receiver same (cdma diversity rake)) same (delay with (tree root node))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 18:24
S12	1498	(receiver same (cdma diversity rake)) and (delay with (tree' branch\$2 link))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 13:39

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S13	8	(receiver same (cdma diversity rake)) and (delay with (tree and (branch\$2 link)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 16:06
S14	280	(delay near4 search\$4) same RAKE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 13:40
S15	139	(delay near4 searcher) same RAKE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 18:21
S16	1	(delay near4 searcher) same RAKE same (tree hierarch\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 13:41
S17	2	(delay near4 searcher) same (tree hierarch\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 13:42
S18	47	(delay near4 searcher) and (tree hierarch\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 13:42
S19	39	(delay near4 searcher) and (tree hierarch\$7) and RAKE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 18:36
S20	139	(delay near4 searcher) same RAKE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 18:23
S21	74	(375/130,140-153,316,347,346.ccls.) and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 11:24
S22	81	("375".clas.) and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 18:24

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S23	1	(receiver same (cdma diversity rake)) same (delay with (tree root node)) and (375/148.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 11:29
S24	7	(delay near4 searcher) and (tree hierarch\$7) and RAKE and 375/148.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 18:36
S25	13	((state near2 machine ) fsm) same ((start and exit and steady) near4 state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:26
S26	31	((state near2 machine ) fsm) same (trellis same surviv\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:39
S27	1	10/736122	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 18:19
S28	2	"5623680".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:51
S29	8	("4862347"   "5301100"   "5459841").PN. OR ("5623680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 17:52
S30	735	(viterbi trellis) same (energy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 12:01
S31	9	(viterbi with trellis) with (energy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 15:59
S32	2185	(viterbi trellis) same (signal\$1 near3 noise (SNR S/R SINR))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 12:01

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S33	892	(viterbi.trellis) with (signal\$1 near3 noise (SNR S/R SINR))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 12:01
S34	37	(viterbi with trellis) with (signal\$1 near3 noise (SNR S/R SINR))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 10:46
S35	0	(viterbi with trellis) with (balanc\$4 near4 binary)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 12:02
S36	0	(viterbi with trellis) with (balanc\$4 near4 tree)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 12:02
S37	1	(viterbi trellis) with (balanc\$4 near4 tree)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 12:03
S38	2	(viterbi trellis) same (balanc\$4 near4 tree)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 12:03
S39	502	(viterbi trellis) same ((balanc\$4 symmetr\$7) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 12:03
S40	8	(viterbi with trellis) with ((balanc\$4 symmetr\$7) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 15:46
S41	110	(trellis) with ((symmetr\$7) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 15:47
S42	51	(trellis) near4 ((symmetr\$7) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 15:48

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S43	37	(trellis) near4 ((symmetr\$7) ) and ("375".clas. "714.clas" viterbi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 15:52
S44	20	(viterbi same trellis) same ((energy) with symbol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 16:01
S45	1	(viterbi same trellis) same ((energy) with weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 16:47
S46	34	(viterbi and trellis) and ((energy) same weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 16:02
S47	87	((state near2 machine) fsm) same (((start input) and (exit output) and (steady)))near3 state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 17:16
S48	1	((state near2 machine) fsm) same (((start input) and (exit output) and (steady)))near3 state) and viterbi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 17:12
S49	0	((state near2 machine) fsm) same (((start input) and (exit output) and (steady)))near3 state) and trellis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 17:13
S50	130	((state near2 machine) fsm) same viterbi same trellis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 17:16
S51	67	((state near2 machine) fsm) same (viterbi near4 decod\$4 ) same trellis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 17:16
S52	252516	combiner wtih ("OR" and "AND")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 18:19

## EAST Search History

S53	37412	combiner near3 ("OR" and "AND") amnd RAKE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 18:19
S54	1	combiner near3 ("OR" and "AND") and RAKE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 18:20
S55	4	combiner near3 ("OR" and "AND") and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 18:20
S59	141	(received near2 signal near2 quality) with (indicat\$4) with (signal\$1 near3 noise (SNR S/R SINR))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 10:47
S60	132	(received near2 signal near2 quality) with (indicat\$4) with (signal\$1 near3 noise (SNR S/R ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 10:47
S61	14	(received near2 signal near2 quality) with (indicat\$4) with (signal\$1 near3 noise (SNR S/R )) and (viterbi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 10:47
S62	2	"3691387".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 11:09
S63	139	(delay near4 searcher) same RAKE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 11:27
S64	0	(375/130,140-153,316,347,346, 259-265,340,341.ccls. 714/792,795. ccls.) and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 11:28
S65	0	(375/130,140-153,316,347,346 259-265,340,341.ccls. 714/792,795. ccls.) and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 11:29

## EAST Search History

S66	1	(375/130,140-153,316,347,346 259-265,340,341.ccls. 714/792,795. ccls.) and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 11:30
S70	3	(375/130,140,141,142,143,144,145, 146,147,148,149,150,151,152,153, 316,347,346,340,341.ccls. 714/792, 795.ccls.) and (receiver same (cdma diversity rake)) same (delay with (tree root node))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 11:31